

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 15957

Application ID: 10064213

Title of Invention: FAST WAVEFORM DISPLAY  
METHOD AND SYSTEM

First Named Inventor: Edwin Naroska

Domestic/Foreign Application: Domestic Application

Filing Date: null

Effective Receipt Date: 2002-06-21



Submission Type: Utility Patent Filing

Filing Type: new-utility

Confirmation Number: 0

Attorney Docket Number: SUNP0004USA

Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US

Certificate Message Digest: hkc5OQEV8WhvAZp0NFWp5A==

Total Fees Authorized: \$410.0

Payment Category: DA - Deposit Account

Deposit Account Number: 500801

Deposit Account Name: WINSTON HSU

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

SUNP0004USA

Submission Type: Utility  
Patent Filing

## FAST WAVEFORM DISPLAY METHOD AND SYSTEM

First Named Inventor: Edwin Kurt Naroska

### SUBMITTED BY

Name: Mr. Winston Hsu  
Registration Number: 41,526  
Electronic Signature Mark: Winston Hsu  
Date Signed: 20020621

Name: Mr. Mord Michael Lewis  
Registration Number: 50,478  
Electronic Signature Mark: Mord Michael Lewis  
Date Signed: 20020621

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

**Attached Files:**

|                    |                  |
|--------------------|------------------|
| declaration        | SUNP0004DEC1.TIF |
| declaration        | SUNP0004DEC2.TIF |
| specification      | SUNP0004.xml     |
| ibid-transmittal   | SUNP0004apds.xml |
| patent-assignments | SUNP0004asgn.xml |
| fee-transmittal    | SUNP0004fee.xml  |

**Attached Image File(s):**

SUNP0004DEC1.TIF  
SUNP0004DEC2.TIF

DECLARATION

Comments:

2025-04-01 10:00:00

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

I believe I am the sole (if only one name appears below), or joint (if more than one name appears), original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

"FAST WAVEFORM DISPLAY METHOD AND SYSTEM"

+ The specification for the above entitled invention is filed herewith

The specification for the above entitled invention was filed previously

with application serial number: Filing Date:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 1.56, which became available to me between the filing date of the prior application and the filing date of this application

PRIORITY CLAIM

+ There is no claim of priority

Claim of priority is based on the following:

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney to prosecute this application and to transact all related business in the Patent and Trademark Office

|                    |                      |                         |
|--------------------|----------------------|-------------------------|
| Winston Hsu        | Registration# 41,526 | WinstonHsu@naipo.com.tw |
| Mord Michael Lewis | Registration# 50,478 | MikeLewis@naipo.com.tw  |

P.O. Box 506,  
Merrifield, Virginia 22116,  
U.S.A.  
TEL. (02)8923-7350

## DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Date: 5/7/2002 Edwin Kurt Naroden  
 Printed Name: Edwin Kurt Naroden  
 Post Office Address: Otto-Hahn-Str. 4, Einfahrt 29, 44221 Dortmund,  
 and Residence: Germany  
 Citizen of: Germany

Date: 5/11/2002 Fei-Pei Lai  
 Printed Name: Fei-Pei Lai  
 Post Office Address: 1 Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.  
 and Residence: R.O.C.  
 Citizen of: R.O.C.

Date: 4.25.2002 Chung-Chia Chen  
 Printed Name: Chung-Chia Chen  
 Post Office Address: 2F, 60, Park Ave II, SBIF, Hsin-Chu City, Taiwan,  
 and Residence: R.O.C.  
 Citizen of: R.O.C.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

Small Business Concern

## TOTAL FEES AUTHORIZED: \$ 410

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 500801



Deposit Account Name: NORTH AMERICA INTERNATIONAL PATENT OFFICE

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

### SUBMITTED BY

Authorized Name:

WINSTON HSU

Electronic Signature Mark:

VAEB-JMXX-8IIL

Date Signed:

20020621

### BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 201      | \$ 370   |

Subtotal For Basic Filing Fee: \$ 370

### EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 13      | 203      | \$ 9  | 0            | \$ 0     |
| Independent Claims: 2 | 202      | \$ 42 | 0            | \$ 0     |

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

| Fee Description                                   | Number   | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1        | 581      | \$ 40  | \$ 40    |

Subtotal For Additional Fees: \$ 40